

QUA·RAE

QUA - Here is news of * * * RAE - Radio Association of Erie

Issue No. 4

November, 1969

ERIE METROPOLITAN VHF SOCIETY
TRI-STATE EMERGENCY NET
LAKE ERIE EMERGENCY NET
GENERAL ELECTRIC ARS
MCDOWELL ARC
BEHREND ARC
CORY ARC
ATES ARC
AREC
RAE

EDITOR

K3AFO

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Material for our next issue
must reach your Editor no
later than November 26, 1969

All newscontributions are
welcomed by the QUA-RAE.

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QUA-RAE NOVEMBER FEATURES

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40 METERS de K3HSM

Finally installed a 40 meter dipole at the home QTH. Saints be praised, faith and begora - it worked!

Started playing with the flame belcher the next evening after reading the mail on a few guys who were commenting on the extremely good conditions during the day. Then, by the time I was ready, very few signals could be heard on 40. The background noise had virtually disappeared and the signals that were coming through were wavey and weak. A check on the other bands revealed that 20 was almost completely wiped out with and only two stations ~~more~~ discernable; 15 was quiet as so was 10 except that remarkably enough, a W4 station in Florida could be heard in the noise level and sounded more like scatter than skip.

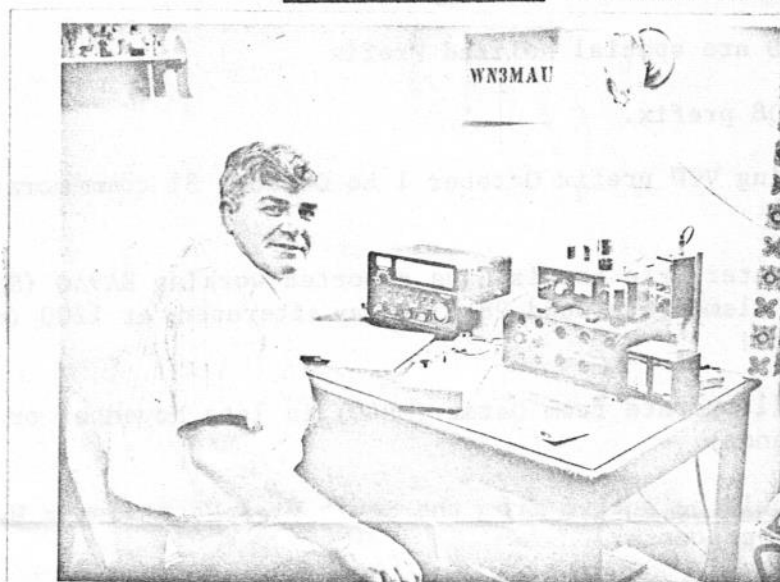
Heard VK2SA at 6:45 EDST on 7.003 KHZ working W3TV - Walt is down in Sydney and we worked him back in 1964. Only trouble is he never QSL'ed - so was anxious to break in on the QSO but ran out of time in the morning hours.

K6AHV was contacted at 10:30 PM local time. He was running a 20 db over signal and we were received at S9. Both of us were running barefoot. This was just like a 10 meter contact. K6AHV was running a 4 element 90 feet up. Nothing unusual for a 10 meter antenna - however, here on 40, WOW!

Paid a visit to W3BRB on a Friday night and listened to Fred W3PHL. Fred is quite a 40 meter dxer and is well acquainted with Bob K6AHV. Fred runs either a Vee beam, 3 element Yagi or two - half waver in phase on 40. All this along with a most bodacious signal and excellent audio. Fred is now in the process of putting up a 100 foot tower made out of 4-1/2 x 6-1/2 feet triangular sections that have steps on the inside. This will support a 2 element 40 meter quad. After BRB and I were able to regain our composure we continued the QSO and then the inevitable happened. Fred indicated that he heard a breaking station. We listened and it turned out to be VP2GAL - Roy on Grenada. John was surprised and also quite happy - until he realized when K3AFO hears about him working DX on 40 instead of 10 he might have to go into hiding.

The band has now almost completely recovered from the Sunspot and many enjoyable QSO's can be had. Look for Joe - WN3MAU on 7160 KHZ and Brad - WN3LKR on 7183KHZ. Barry - WA3GSH also pounds the brass on the CW portion of the band.

HAM OF THE MONTH de W3BRB & K3HSM



WN3MAU, JOSEPH MIECZKOWSKI

To those of you that attend the regular meetings of the RAE, this month's "Ham of the Month" is no stranger. Joe Mieczkowski (WN3MAU) is the man that controls the purse strings of the club as treasurer.

Joe became interested in radio during his hitch in the service during World War II. After leaving the service he kept his interest in radio by taking a course in electronics from R.C.A.

The rig at WN3MAU is a Drake 2B receiver and a homebrew 30 watt transmitter, feeding an inverted "Y" for 40 meters. In the near future Joe plans to put up a tower and a mini vertical for 15 meters.

Joe's main interests are homebrewing equipment and chalking up states for the W.A.S. award. We are sure Joe will achieve W.A.S. due to his rig and fantastic location; his elevation is above 1400 feet. Joe's QTH is on Lee Road in Summit Township and he has plenty of room for a large antenna farm. We are sure that the local Hams will be hearing more of WN3MAU in the future. The staff of the QUA RAE takes pleasure in saluting Joe Mieczkowski (WN3MAU) as Ham of the Month.

DXing de K3AFO

1. ARRL DXCC Countries List (Revised 9/69) are available from yours truly. If you would like one, call or drop me a line and I'll be very happy to drop one off in the mail.
2. KH6NR/KH6 Kure Island DXpedition to be in operation November 11 to November 15. Operation will be 5KC in the advanced portions and listening 5KC in the general portions (Only 15 and 20 meter planned).

DXing (Cont'd.)

3. PC and PD are special Holland Prefix
4. 3B new VQ8 prefix.
5. VU2's using VUØ prefix October 1 to October 31 commemorating Ghandi's Centennial.
6. Many 10 meter Erie Locals have reported working EA9AQ (Spanish Morocco). Look for Clemente around 28.6 Sunday afternoons at 1200 (noon). Its a good catch!
7. OD5BZ will operate from Qatar (MP4Q) in late November or early December (all 5 bands).
8. 4J9DX should be active from the South Ural Mountains - U.S.S.R. in upcoming DX contests.

Local Activities:

K3HSM reports good signals from JA land on 40 meters.
W3RHK, Irwin Ostberg, heard chasing EA9AQ in Spanish Morocco on 10 meter SSB.
K3AFO finally caught CR9AK in Macao.
W3BRB happy with his new ZD5X QSO.
K3KRA working those Europeans by the dozens on 10 meter A.M.
K3LIG getting in the DX swing while recuperating from his illness.
W3TPW still chasing that SV1!

A DXer doesn't have to be crazy but being so is a real asset!!

Results of the October 10m - 6m Transmitter Hunt de WA3GSH

Sunday, October 19, was the date for another successful combined transmitter hunt. This month's spectacular was handled by the team of K3VLP/W3HLM and K3OSU. K3OSU's characteristic motorboating mobile was silenced since he was stationary during the hunt. Hearing Carl without the accompanying rumble proved to be a remarkable change in Carl's transmissions. Some participants were heard to remark that it was the first time they had heard Carl's voice sound so clear. Many had been led to believe that Carl had some sort of throat disorder.

While all of this action was occurring, K3VLP was planning his tactics for the benefit of all participants. Amid the dark of the moon George cleverly ran the power cord from the club's big generator across the most heavily-traveled portion of the lower parking lot at Behrend Campus (site of event). George complained later about unusually rapid fluctuations in line voltage. Most participants encountering the cord, rather reluctantly passed it off as a strange place for a traffic counter.

One of the truly notable events of the evening was the circumstances surrounding one of the traffic signs on the campus. It seems that one of the local constabularies objected to the manner in which some of the mobiles were proceeding

Transmitter Hunt (Cont'd.)

across the campus roadways. The uniformed gentleman was even bold enough to stop one of the 6 meter mobiles. Quite puzzled the operator of the vehicle quizzed the officer as to the cause of his displeasure. It seems that this 6 m chap was guilty of ignoring a stop sign. But this did not sit too well with the mobile man; he claimed no such stop sign was in evidence. The ever-alert officer calmly but firmly pointed-out a dull red heaxagonally-shaped sign snuggled amongst the boughs of one of the Behrend Campus pine trees. The mobile man still wasn't too happy as he indicated to the officer that he wasn't driving thirty feet off the gound and so he shouldn't be expected to notice a stop sign placed that high off the ground. Apparently this was too much for the uniformed chap so he got disgusted and dropped the whole matter. He was later seen snooping around the coffee urn carefully scrutinizing the contents and sniffing for signs of alcoholic content.

The big clue of the evening was that given in reference to the "burning of midnight oil by a number of girls". So elated were some of the mobiles on hearing this clue that they immediately headed for Mercyhurst. But, alas, the fellas lost their bid for finding the transmitter and got caught in a routine panty raid held in conjunction with a local predominantly male college (maybe that's why these guys were never heard from the rest of the evening?).

A number of other mobiles got dangerously close to the transmitter site only to be stopped by the site of Wintergreen Gorge looming up ahead of them. Some of these mobiles spent the entire hunt running around trying to figure out how to get across the gorge.

Other than these typical transmitter hunt happenings it was the usual group of fellas that had the fun of locating the hidden mobile transmitter. Hope to see another good turnout on November 23 as Larry Herman (W3JTF) and Gary Kostek (K3KRA) team up to try and outfox the hounds. SEE YOU ALL ON NOVEMBER 16 at 7:00 PM; WEATHER PERMITTING.

Transmitter Hunt Participants

(not in any order)

10 m

K3AFO
W3BRB
WA3HSR
K3KRA
W3YWL
K3LIG
WA3GIV

6 m

K3ATZ
W3ALD
W3JTF
WA3HRJ
WA3JJT
WA3JFV

W3HLM - K3VLP (hidden xmtr)

K3OSU (hidden xmtr)

R. A. E. Minutes de W3BRB
(Meeting of October 2, 1969)

The meeting was called to order at 8:10 by K3VLP. The minutes of the September 18 meeting were read and approved. The treasurer's report was given by WN3MAU. He reported that all bills were paid and the balance was \$363.23.

OLD BUSINESS

K3AFO gave a newsletter status report. John reported that circulation was now over 200. John pointed out that an application form for the upcoming hamfest would be in the next issue. A discussion of the newsletter followed; WA3HDK suggested that only two copies be sent to non-members. WA3HSR suggested that subscriptions might be used for non-members. W3FVH suggested that a 50/50 club be used to support the newsletter.

There was no property report. Fred WA3GIV reported that the C.D. classes were going well.

Hamfest report was given by K3HSM. Chuck reported that W3KPJ would print the tickets for the club. WA3HSR reported that door prizes were being donated. K3VLP made a plea for all members to help with the coming dinner.

K3VLP reported that the Forest County expedition was ready to go.

A discussion of having a post office box for the club was held. WA3HDK made a motion that the club keep the post office box it now has. It was seconded by WA3HSR and the motion was carried.

NEW BUSINESS

It was pointed out that applications for Pennsylvania license plates for amateurs are available from Wendell Good, K3ZGG.

K3HSM mentioned the possibility of using the upstairs of the Red Cross building for meetings. Chuck also mentioned that the club meeting of December 18 would be used for an activities meeting; possibly a Christmas Party.

W3BRB read ARRL bulletin 240 concerning docket 15928.

WA3HSR made a motion for adjournment it was seconded by WN3LKR and carried. The meeting was adjourned at 8:45.

(Meeting of October 10, 1969)

The meeting was called to order at 8:10 by K3VLP. The minutes of the October 2 meeting were read and approved. The treasurer's report was given by WN3MAU. Joe reported that all bills were paid, the latest being a repair bill for the comm. truck. The new balance was \$292.73.

OLD BUSINESS

WA3HSR and K3VLP gave a report on the Forest County expedition. Several of the difficulties encountered were explained (See article on the expedition in this edition of the QUA RAE).

(October 10 meeting cont'd.)

K3AFO gave a newsletter status report. John reported that 210 copies of the October issue were mailed. John then read a letter from the S.C.M. praising the newsletter. John also reported that it might be possible to have a column in the Erie paper concerning Amateur radio activities in the Erie area. WA3GSH reported that a re-examination of those receiving the newsletter would begin soon.

K3HSM gave a hamfest report. Chuck reported that the tickets for the dinner had been printed and were being sold. A special thanks was given to Hank W3KPJ for his help in printing of club materials. WA3HSR reported that he was receiving door prizes for the hamfest. The following people will work at the dinner -- membership, W3YWL-- name tags, WA3HSR.

K3HSM reported that the November 6 meeting with the F.C.C. engineer at the City Hall was set. All interested persons are urged to attend.

NEW BUSINESS

W3BRB reported that the club may receive a non-profit mailing rate from the U.S. Post Office. The possibility of an active V.H.F. committee was discussed. W3KPJ presented WA3GSH with a certificate certifying him as Erie County Emergency Coordinator.

Introductions were then held. WA3GSH made a motion for adjournment. It was seconded by WA3HSR and carried. The meeting was adjourned at 9:00.

That's it for this month. Remember the November 6 meeting at City Hall.

ARRL BULLETIN 240

The F.C.C. adopted an order on September 24 modifying Docket 15928 to provide that all Extra class c.w. bands remain at 25 khz, and the 6 meter assignment will remain unchanged. However, all previously scheduled additional phone band restrictions go into effect November 22, 1969.

Contest Reminder: Nov. 8-9 ARRL SS Phone Contest
 Nov. 15-16 ARRL SS C.W. Contest
 Nov. 29-30 CQ WW C.W. DX Contest

Still no launch date announced yet for the Australis - Oscar 5; 10 and 2 meter satellite

ARRL Bulletin 243..... Concurrent with the October 26 shift to standard time throughout the country, WIAW will resume its Fall Winter schedule. Code practice will take place at 0030, 0230 and 1400 GMT

Strays de K3AFO

- WA3KKT Norma Vanderhoff, Corry, Pa. honored the RAE with her attendance at the October 2 meeting. How about more of you YL's and XYL's keeping Norma and Peg Sayre (WA3GMN) company!
- K3LQN Orville Mitchell heard "mobilating" on 10 meter A.M. after a year of inactivity. We could sure use you on those xmtr hunts Mitch!
- W3ZWK Harry Wheatley; what ever happened to Harry's "Pot of Chives?" How about turning on that rig and telling us Harry!
- WA3JJU Bill Yaeger is now in Ann Arbor, Michigan sporting his new call WB8ESM.
- WA3JFK Lieut. Col. Bill Runser (Retired U.S.A.F.) from Glenshaw, Pa. will be attending the Erie Amateur Radio Banquet on Nov. 8. Thanks goes to Bill for sending the Editor and Assistant Editors, a counties map of the U.S. (even found Forest County on it!).
- W3KPJ Hank Schneider, Thanks goes to Hank for his help with QSL's for the RAE and also help for the QUA-RAE. A big thanks from all of us Hank!
- W3LUG Where's Uncle George these days?
- WA7IKZ Anthony Mannion is the QUA-RAE's furthest reader (Phoenix, Ariz.)
- K3QJE Frank Bogacki busy keeping on the "Dean's List" at Gannon College.
- W3NXK John Kozak will have a "SWAN" display at the RAE Banquet.
- K3ABG Edward Nies has come out of hiding and is becoming active again on 10 meters (A.M.) Ed keeps busy in the Electronics Maintenance Department at G.E. Hope to hear you on regularly, Ed.
- W3STK Scotty Forbes, that melodius voice is being heard once again on 10 meters. Scotty is planning to reactivate the mobile (upon approval of the XYL, hi, hi,).
- W3AQY Bill Macivor, Thanks to Bill for sending the QUA-RAE a freq. chart of the changes on November 22 (Modifications are being made now by the FCC, new freq. chart will appear in December QUA-RAE).
- WA3COS Dave Miller is President of Carnegie Mellon University Radio Club (W3NKI). Dave will be writing an article for the QUA-RAE in the near future on his activities.
- K3ATZ Chuck Lewis busy as Net Manager for the Tri-State Net.
- WA3HRH Doug Sipple working on a new 10 meter beam.
- W3GJY John Wojtkiewicz (SCM, W. Pa.) sends words of praise for the QUA-RAE (Well appreciated, John!).
- WA3GSH Barry Capell 6 meter net control for October.

All Door Prize Donors for the Amateur Radio Banquet will be listed in the December issue of QUA-RAE.

S.W.R. The initials for standing wave ratio; an indication of how well two impedances are matched. This term is of controversial interest to most Hams, since one school will slash their wrists over a S.W.R. of 1.2 to 1, while another group smugly feels that a S.W.R. of less than 6 to 1 is strictly academic.

Don't forget to cast your vote for ARRL Director and Vice Director (Atlantic Division) before November 20, 1969.

Propagation de K3AFO

November should see some of the best 10 meter openings for the past several years. Look for the real long haul openings on 15 meters after 10 meters closes each day (late evening). The 20 meter band should have some interesting openings over the North Pole late at night. The 40 meter band will have good openings into Europe around 6 GMT and look for Asia on 40 meters at 11 GMT.

George Jacobs, W3ASK reports the present sunspot cycle hit its peak November 1968 with solar activity now declining, but at a very slow rate. The 10 meter band should be hot for at least two more years!

Best DX band now is a toss up between 10 and 15 meters.

Many "Radio Storms" noted during October with regular Aurora Displays visible in Erie. WA3GSH, Barry Capell reports many "wild" evenings on 6 meters working Aurora Skip. Some East Coast Stations are trying for WAS on Aurora Skip (better pray for those sun-spots!). Good signals via the Northern Lights from most of the East and Midwest U.S. on 10 meters. Auroral-scatter propagation on the VHF bands most likely to occur when HF radio conditions are disturbed or below normal.

About VHF de WA3GSH (Emergency Coordinator, Erie County)

Tri-State Emergency Net

October activity on the emergency net has been generally very good. Recent weeks have produced check-ins of 20, 22 and 26. This is respectable but falls short of the actual roll call by quite a large margin. Hopefully the winter months will increase the turnout.

For those of you who would like to participate in the net activities, you can do so by listening on 50.52 Mc. every Sunday evening at 9:00 PM. With the threat of bad weather, it is important to monitor the net frequency. In the past, there has been a noticeable lack of stations on frequency during times when they were needed. There has been much criticism of the lack of this assistance from individuals in Ohio and New York state. Their criticism has been true for the most part and should serve as a reminder for us to get on the ball. Nothing will ever be accomplished if each of us let's the other guy do all the work. It really doesn't take that much effort to walk

VHF (Cont'd.)

over to the rig and turn it on to monitor the net frequency. Once this is done, be ready to assist whenever possible, should emergency situations arise. Listening without taking responsible action is no assistance at all. Let's mend our ways and promote a strong emergency organization in Erie County.

2 Meter FM News

Interest is steadily growing along with activity on the 2 - M FM band. There are a number of individuals expressing an interest in the subject of 2 - M FM and repeater projects. At this point there is a possibility of acquiring a small number of handie-talkie type units at a cost yet to be disclosed. As soon as additional information is available, it will appear in this article. For those of you who would like to know more about the technical aspect of FM and repeaters, "Ham Radio" magazine's September issue contains a lengthy article on this subject. Additionally, QST for October has a discussion of amateur FM and repeaters as its lead article. It has taken quite a while for FM to appear in print and it is hoped that more detailed articles will appear in the future. As is usually the case, the articles fall way behind the true situation. But it is good to see some text being generated on this subject.

WA3MOP Operating News

Activity at the General Electric station has been very quiet in recent weeks. Concentration has been in terms of the union negotiations between the UE locals and the G.E. With this concern, little time was available to promote station activity. Activity from the station may cease entirely during the duration of the impending strike at the plant. Reactivation after the strike should hear the station on the air once again.

Forest County Expedition de WA3HSR

Preparations had been in progress for months and finally the day, October 3, 1969 had arrived. With the COM-truck loaded to capacity, George, K3VLP; Mike WA3HSR; and George Jr. struck off for Forest County. Word had been put out on the County Hunter's Net and we were anticipating a weekend full of QSO's and hoping to give our Secretary, W3BRB, writers cramp filling out QSL's. The ride was proceeding well, with the 10 KW generator behind the truck and our pilot K3VLP struggling to keep an average speed of 30 mph. About two miles this side of Pittsfield, lightning struck (in the form of Edsel Murphy). We had run out of gas! Being good scouts and always prepared, we calmly put 5 gallons in the tank from our spare can. While doing this, George Jr. noticed something unusual about the trailer. Somewhere back we'd gotten a flat tire and what little rubber left was just clinging to the rim. As luck would have it, the nearest gas station was at Pittsfield and when we arrived we unloaded the 10 KW and figured we'd pick it up later. George (who must have been an Eagle Scout) had brought another generator which would suffice.

We made it to our site near Marienville and proceeded to set up camp. To everyone's surprise, this was accomplished without a hitch and we were ready to check in the Net at 1:00 AM. We had scarcely loaded the SWAN 500 when

Forest County Expedition (Cont'd.)

it became apparent that the 75 meter whip wasn't going to produce. At 2:00 AM we decided that it was time to throw up the 75m inverted vee. As quick as a flash, George (who must be part monkey) scaled the 120 foot fire tower, which was conveniently located next to our tent. After securing the ends we gave it the big test, and found that the SWR was 1.2:1!

Our hope had been renewed and we rolled off quite a few contacts between 2:30 and 3:30 AM. Then we got real ambitious and decided to give 40 meters a try. This meant another antenna. With VLP holding the ladder steady and PLV and HSR securing the ends, we had it up in about 15 minutes. Well we made a few contacts on 40 but it was clear to see that 75 was going to be our big band. We had thoughts of moving to 20 meters, but at 4:30 AM we decided to call it a day (and night) and wait 'till Saturday morning to put up a 20 dipole when we could see and do a real superb job. With the truck secured and the tent heater going full blast, we settled down for a good rest (or so we thought). The news came at 5:00 AM from VLP. Just as he was preparing to shut down the generator, it seemed that the head gasket blew and we were left without power, with our other generator back in Pittsfield 1½ hours drive away (I thought lightning didn't strike twice in the same place!). With hopes of better things to come, we all settled down and began to wonder, "What next?"

For us, Saturday began at 8:00, much too early. VLP who always seemed to be thinking, suggested that we return to Pittsfield in the truck, load the 10 KW on the back and bring it back with us to the site for our power. Neither PLV or HSR could think of anything better so we removed the RTTY from the truck and left it by the road with George Jr. to guard it.

Upon our arrival at Pittsfield, we became aware of a problem: we needed about six more guys to help us lift the generator onto the truck! Since there was only one attendant at the station, we had to make do with what we had. Borrowing a jack, a few old tire casings, two used oil drums, and a dead log, we managed to get the generator in a handing position on the back of the truck (also VLP's scout knots). Slowly we moved the truck to a position where we could use an air jack and in a few minutes, it was securely (????) placed in the truck. The whole process took about an hour and we had worked up an appetite by the time we got back to the site.

Our next project was the erecting of a 20 meter dipole. Having the advantage of daylight, we were sure that this would be an easy task. The center of the dipole was about 100 feet high and our first attempt to load it was a surprise. When PLV tried to read the SWR, he found that it was out of sight, and estimated it to be 15:1! With that daylight advantage, the engineers really came through! After a careful study, we finally moved the ends and got the SWR down to a readable level. Since it would be a little difficult to keep the stations in the truck with a 10 KW generator running, the stations were moved into the tent. With all of our antennas working, we settled down for a nice night of activity.

With a grand total of 3 hours of sleep the night before, Mr. Sandman crept into the tent early. It was quite a struggle to check into the County Hunter's Net at 7:00 PM, but we resolved to try and make it all the way.

Forest County Expedition (Cont'd)

One by one, people began drifting off to dreamland and soon HSR was the only one left. Assuming a comfortable position inside my sleeping bag, I vowed to try and make one o'clock. I saw the clock hit 12:45 but never saw 1:00 AM. Suddenly during my slumber, I noticed how quiet it had suddenly gotten. A quick check with VLP confirmed my suspicions-- the generator had run out of gas! Too bad-- I would have to go back to sleep.

We probably disappointed a few county hunters that night but at least we got a good night's sleep. Sunday was to be our final day, and it seemed hopeless that we could get everything back into the truck with the 10KW taking up so much room. Thanks to a couple of visitors we had on Saturday (my parents), another truck was on the way to help carry the remains back to Erie. In the meantime, we needed some gas. After jumping the battery in the truck (it went dead overnight), we made our way into Marienville and got some gas. HSR had an additional surprise waiting. All weekend long I looked forward to my apple pie on Sunday morning. When looking for it in my basket, I found that somebody had beaten me to it. A couple of chipmunks had helped themselves to it and other goodies. Next time, I'll keep the food off the ground!

My father showed up around 10:00 Sunday and we began the cleanup. It took about four hours before we got his truck loaded and off. VLP and PLV still looking for an Erie station on EAST CARS, decided to stay behind and leave a little later. Later on that evening a very well broken-in truck/generators pulled up at the EOC and Fred, WA3GIV couldn't believe his eyes!

All of us who went on the trip had a time of all times. Even with Edsel Murphy helping us along, the expedition was a success. With all of the experience gained on this year's outing, you can be sure that next year will be even better. Hope to see you there. Good night Edsel!

Activities

1. November 6FCC Engineer to speak at RAE meeting, 8:00 PM City Hall
2. November 8Amateur Radio Banquet at Sunset Inn, 7:00 PM (Dinner at 8:00 PM)
3. November 16.....Transmitter Hunt, 10 and 6 meters, 7:00 PM
4. November 20.....RAE meeting, 8:00 PM, Red Cross Building.
5. Every Sunday, 8:00 PM, 29.150 MHZ, Lake Erie Emergency Net
6. Every Sunday, 9:00 PM, 50.52 MHZ, Tri-State Net

10 Meters de K3AFO

A lot of local activity appearing once again on 10 meters. Some of the old timers heard chasing DX or in local rag chews were W3STK, K3ABG, W3FVH, W3BVM, W3DKL and W3PIX. During the CQ WW DX Contest on Oct. 25-26 the 10 meter band sounded like 20 meters! Stations were piled knee deep on each frequency.

10 Meters (cont'd.)

W3TPW ran the 10 meter net during October and did a very nice job. K3AFO will be net control for November -- hope to hear a lot of you checking in! Don't forget to use the net frequency on your way to the Banquet on November 8, 1969

SSB (Sale, Swap or Buy) de K3AFO

Erie Electronic Supply Co., 1835 W. 26th, Erie, Pa. 16508, 455-4512 -- "Erie's Ham Headquarters" announces the following available equipment:

1. Globe Scout transmitter, good condx, \$39.00
2. Hammarlund S-100 speaker, excellent condx, \$12.00
3. Eico #425 oscilloscope, fair, \$25.00
4. Announcing! now in stock (call for special cash price!!!)

SWAN "CYGNET" 260's

SWAN 350C's

SWAN 500C's

See the "SWAN" display at the RAE Banquet, November 8, Sunset Inn presented by W3NXX, John Kozak, Erie Electronic Supply.

5. John says: "Why not buy the XYL a nice color TV set for Christmas so she can keep busy while you work the DX!" -- Great deals! Color TV consoles starting from \$360.00!!
6. Other available used gear from Erie Electronic Supply:

WRL SB-175 175W xmtr
200W homebrew xmtr
Knight T-60 xmtr
SX-99 rcvr with speaker

REMEMBER, TELL THEM YOU SAW IT IN THE QUA-RAE!

Summing it Up de K3AFO

Extra effort was given this month so that the QUA-RAE could reach all of you early. We wanted to give the FCC Engineer's visit and Banquet one more play! Please contact W3BRB, K3VLP, K3HSM, WA3HSR or myself and let us know if you will be able to attend the dinner. We need a number count either by mail (send your reservations in to the RAE) or verbally. How about helping us!

The QUA-RAE treasury is now running low on funds. Any donations to help cover the cost of mailing would well be appreciated by the QUA-RAE. All members of the RAE automatically will receive this monthly bulletin, however non-members will have to be eliminated slowly from the mailing list as our mailing funds become exhausted. Present mailing list is nearing 250. We will try our best to keep everyone on this list as long as the funds hold out.

Summing it Up (Cont'd.)

Thanks to all the news contributors this month and to the assistant editors who worked extra hard to get out an early issue. Our chief typist, Miss Bonnie Zaczyk who is worth her weight in gold did another fine job of typing the entire issue!

CU at the Amateur Radio Banquet!!

73's

K3AFO

FCC Engineer, Mr. C. L. Spencer Retiring

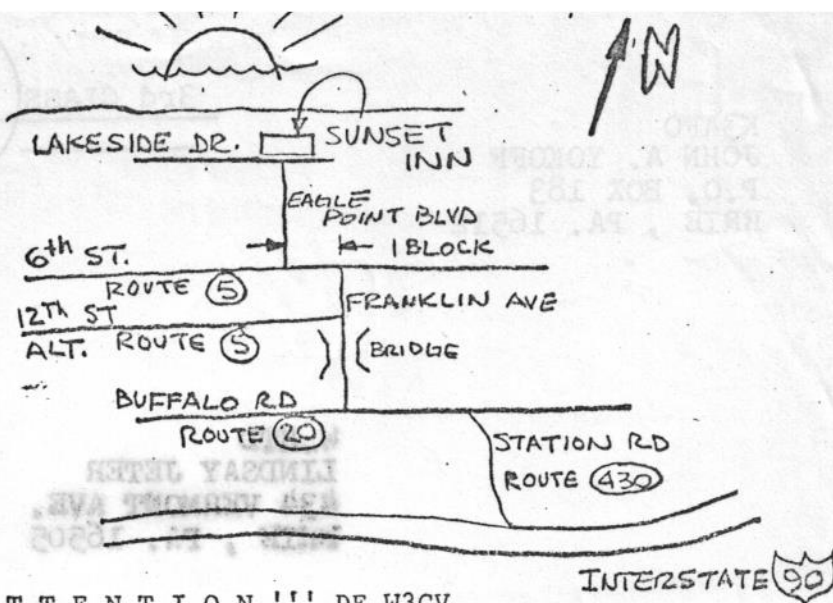
Mr. Carolus L. Spencer, Federal Communications Commission Engineer in Charge, at the District field office, Buffalo, N.Y., is retiring after 27 years of service with the Commission, effective October 31, 1969.

Mr. Spencer began his service with the F.C.C. in 1942, being assigned to the Commission's Radio Intelligence Division at Hawaii and later at the Monitoring Station at Laurel, Maryland.

He served as a staff engineer at the Philadelphia Field Office before being transferred to Buffalo in 1958 as the Assistant Engineer in Charge, and subsequently elevated to the Engineer in Charge.

RUSH!!

PSE LET US
KNOW IF YOU
ARE PLANNING
TO ATTEND !!



A T T E N T I O N !!! DE W3GV

INTERSTATE 90

ANNOUNCING THE RAE AMATEUR RADIO BANQUET

To Be Held Saturday - November 8, 1969 - 7:00 p.m.
at
Sunset Inn - 1990 Lakeside Drive

Donation -- a MERE \$4.00 per Person
for ALL you can EAT and DRINK
(bicarbonate not included)

The meal will be a Smorgasbord buffet-style dinner, which incidentally the Sunset Inn has received acclaim for from their many customers, and there will also be soft drinks, medium-hard drinks (807's) and hard to super hard drinks. ALL included in the price of the ticket. Music on the piano will be provided by Erie's Steve Mioduszewski. Our guest speaker will be - ROBERT J. CHITESTER. Mr. Chistester has his BA and MA in speech and broadcasting from the University of Michigan and is the General Manager of local ETV station Channel 54. There will be presentation of the WML awards for the HAMS who work the Most Locals - A) above 50 MHZ; B) below 50 MHZ; C) - Novice; and D) Station outside Erie County who contacts the most locals. Amateur radio equipment will be displayed by local distributors. - General Telephone "IMTMS" Improved Mobile Telephone System. Name tags will be available at the door. There will be a talk-in on 29.150 and 50.52 MHZ. Amateur stations will be set up. There will be something for everyone - lots of door prizes - and most of all, an opportunity for you, and your XYL or YL to meet the people on the other end of the mike in a pleasant social atmosphere. Tickets are available at the RAE meetings or from committee members, via reservation forms, or at the door.

RAE
P.O. Box 844
Erie, Pa. 16512

PLEASE GET YOUR RESERVATIONS IN EARLY. MAIL THEM TO:
RUSH !! YOU ONLY HAVE A FEW DAYS!!

RESERVATION FORM

PLEASE SEND ME _____ TICKETS, FOR THE RAE AMATEUR RADIO BANQUET.

NAME AND CALL _____

ADDRESS _____

Enclosed _____ check

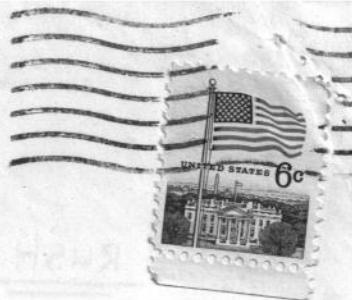
_____ Money Order

Pay at Door

RUSH!!

K3AFO
JOHN A. YOKOFF
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3rd CLASS



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ATTENTION: DE WEGY

To be held Saturday - November 8, 1969 - 7:00 p.m.
Sunset Inn - 1990 Lakeside Drive

Donation - a mere \$4.00 per person
for all you can eat and drink
(alcoholic not included)

The meal will be a smorgasbord buffet-style dinner, which incidentally the
Sunset Inn has received acclaim for from their many customers, and there
will also be soft drinks, medium-sized drinks (80's) and hard to sugar hard
drinks. All included in the price of the ticket. Music on the piano will
be provided by Steve Mioduski. Our guest speaker will be
ROBERT J. CHITESTER, Mr. Chitester has his BA and MA in speech and broad-
casting from the University of Michigan and is the General Manager of local
TV station Channel 34. There will be presentation of the WFL awards for
the WFLS two most local - A) above 30 MHz; B) below 30 MHz;
C) - Novice; and D) Station outside Erie County who contacts the most local
American radio stations will be elected by a jury of 10 members.
at the time there will be a talk-in on 22.130 and 30.33 MHz. Amateur stations
will be set up. There will be something for everyone - lots of door prizes
and most of all, an opportunity for you, and your XYL or YL to meet the people
on the other end of the tube in a pleasant social atmosphere. Tickets are
available at the RAE meetings or from committee members, via reservation forms
or at the door.

PLEASE GET YOUR RESERVATIONS IN EARLY. MAIL THEM TO:
RUEK, YOU ONLY HAVE A FEW DAYS!

RESERVATION FORM

PLEASE SEND ME _____ TICKETS, FOR THE RAE AMATEUR RADIO BANQUET.

NAME AND CALL _____

ADDRESS _____

Enclosed _____ check _____

Money Order _____